



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ruben et al.

Docket No.: PZ038P1

Application No.: 09/661,453

Group Art Unit: 1631

Filed: September 13, 2000

Examiner: Marschel, A.

For: Secreted Protein HATCM08 (As Amended)

#16/C  
Plunkett  
4/14/03

**RESPONSE AND AMENDMENT**  
**UNDER 37 C.F.R. § 1.111**

RECEIVED

APR 11 2003

Commissioner For Patents  
Washington, D.C. 20231

TECH CENTER 1600/2900

Sir:

In response to the Office Action dated January 9, 2003, (Paper No. 15), please consider the following amendments and remarks. Applicants submit concurrently herewith: (a) a Fee Transmittal Sheet, accompanied by the appropriate fee; and (b) a Version With Markings To Show Changes Made.

**In the Claims:**

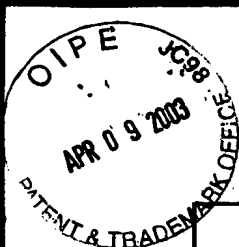
Please cancel claims 1-10, 13-15, and 17-23 without prejudice or disclaimer.

Please amend the claims 24-26, 30-32, 36, 43, 50, and 57 as follows:

24. (Once Amended) An isolated protein consisting of amino acid residues 1 to 105 of SEQ ID NO:73.

25. (Once Amended) The isolated protein of claim 24 which consists of amino acid residues 2 to 105 of SEQ ID NO:73.

26. (Once Amended) The isolated protein of claim 24 which consists of amino acid residues 24 to 105 of SEQ ID NO:73.



PTO/SB/17 (01-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 09/661,453-Conf. #8927  
Filing Date September 13, 2000  
First Named Inventor Steven M. Ruben  
Examiner Name A. Marschel  
Group Art Unit 1631  
Attorney Docket No. PZ038P1

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number

08-3425

Deposit Account Name

Human Genome Sciences, Inc.

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0.00

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	42	-62** =		0.00
Independent Claims	8	-11** =		0.00
Multiple Dependent				

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

### SUBMITTED BY

Name (Print/Type) Janet M. Martineau

Registration No. (Attorney/Agent)

46,903

### Complete (if applicable)

Telephone (301) 315-2723

Signature

*Janet M. Martineau*

Date

April 9, 2003

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